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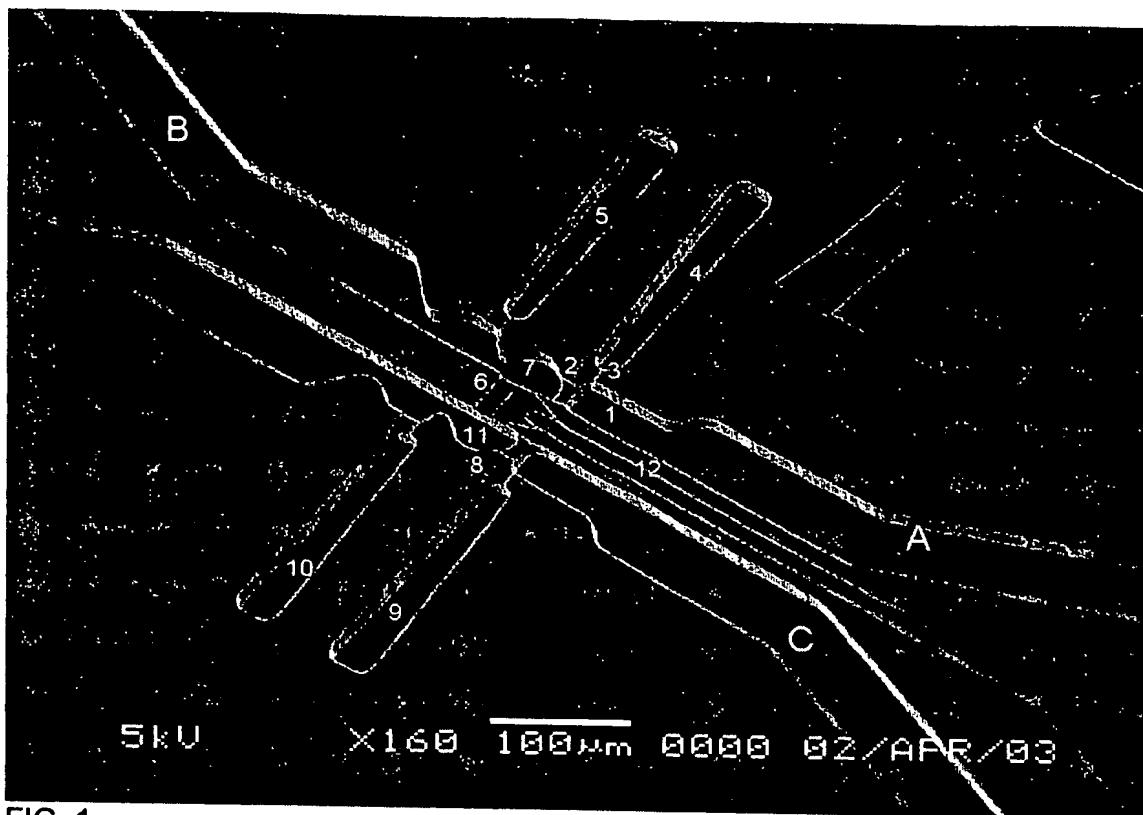


FIG. 1

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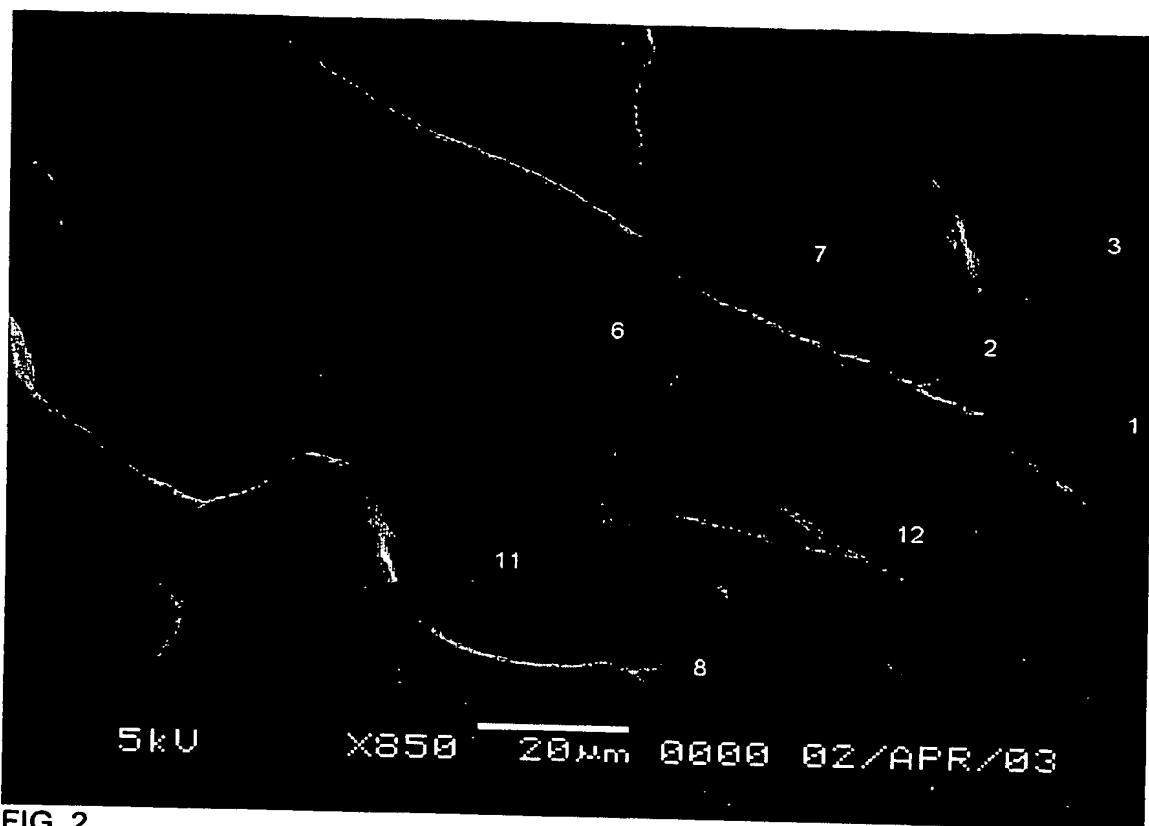


FIG. 2

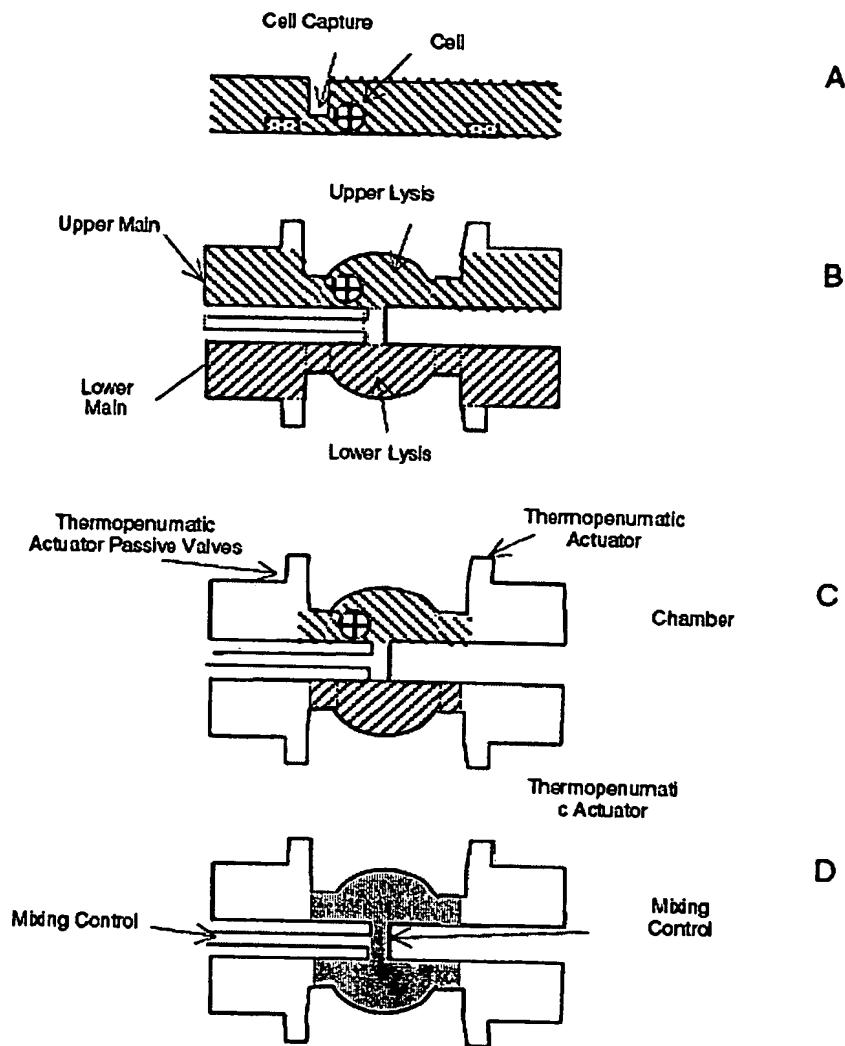


FIG. 3

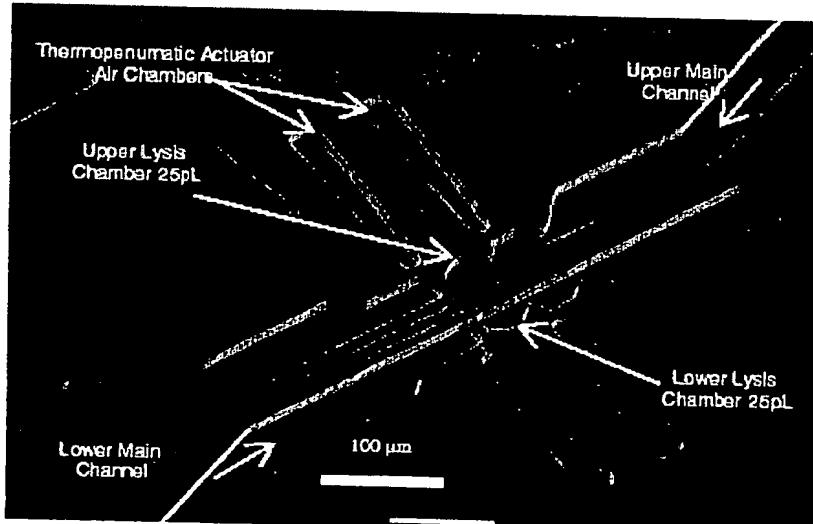
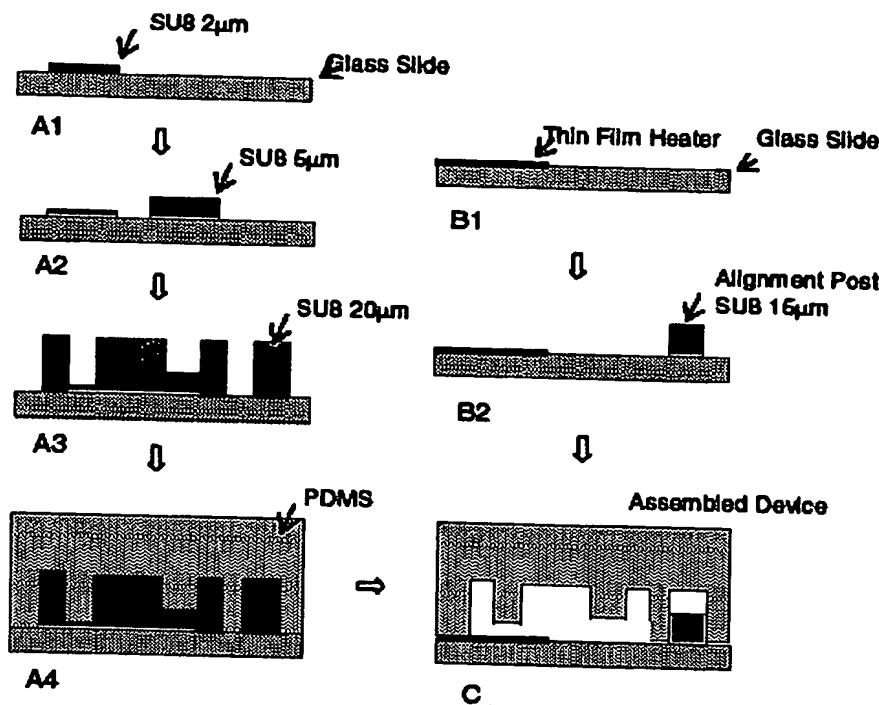


FIG. 4

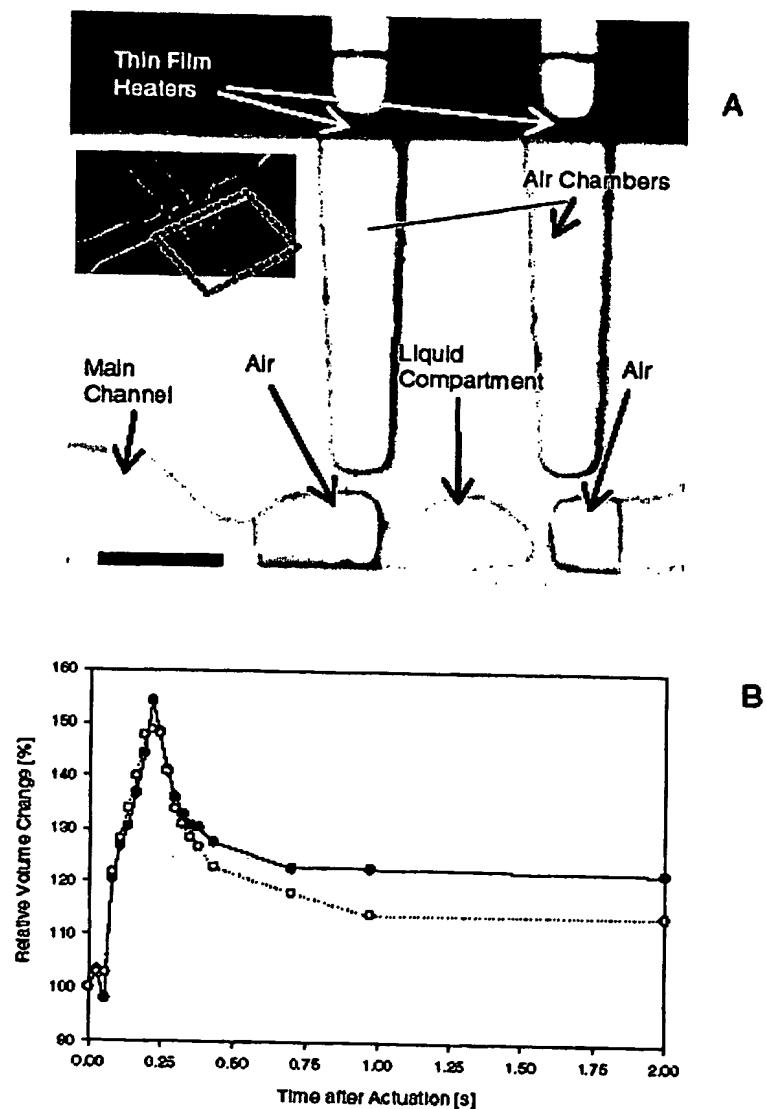
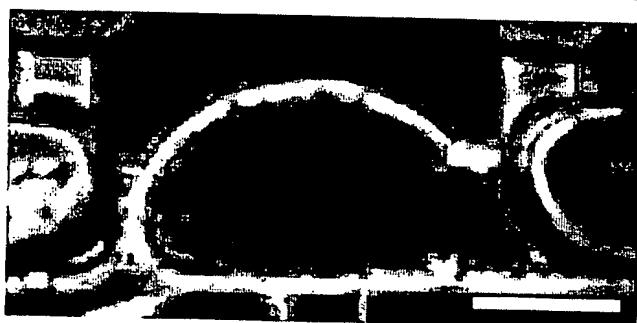


FIG. 5



A



B

FIG. 6

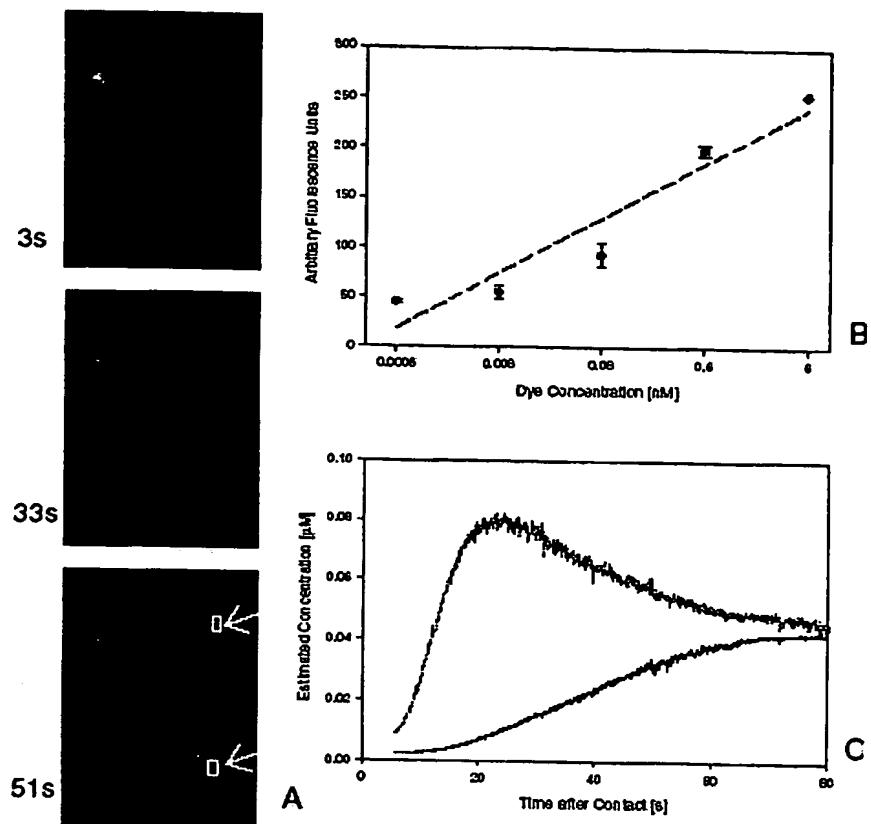


FIG. 7

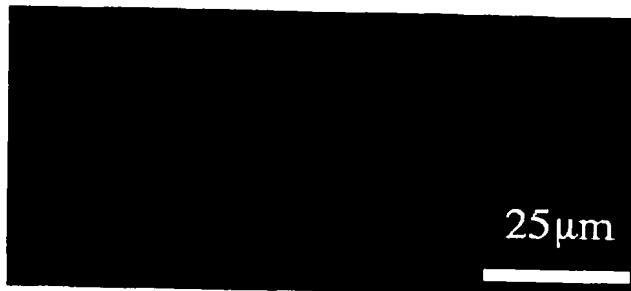
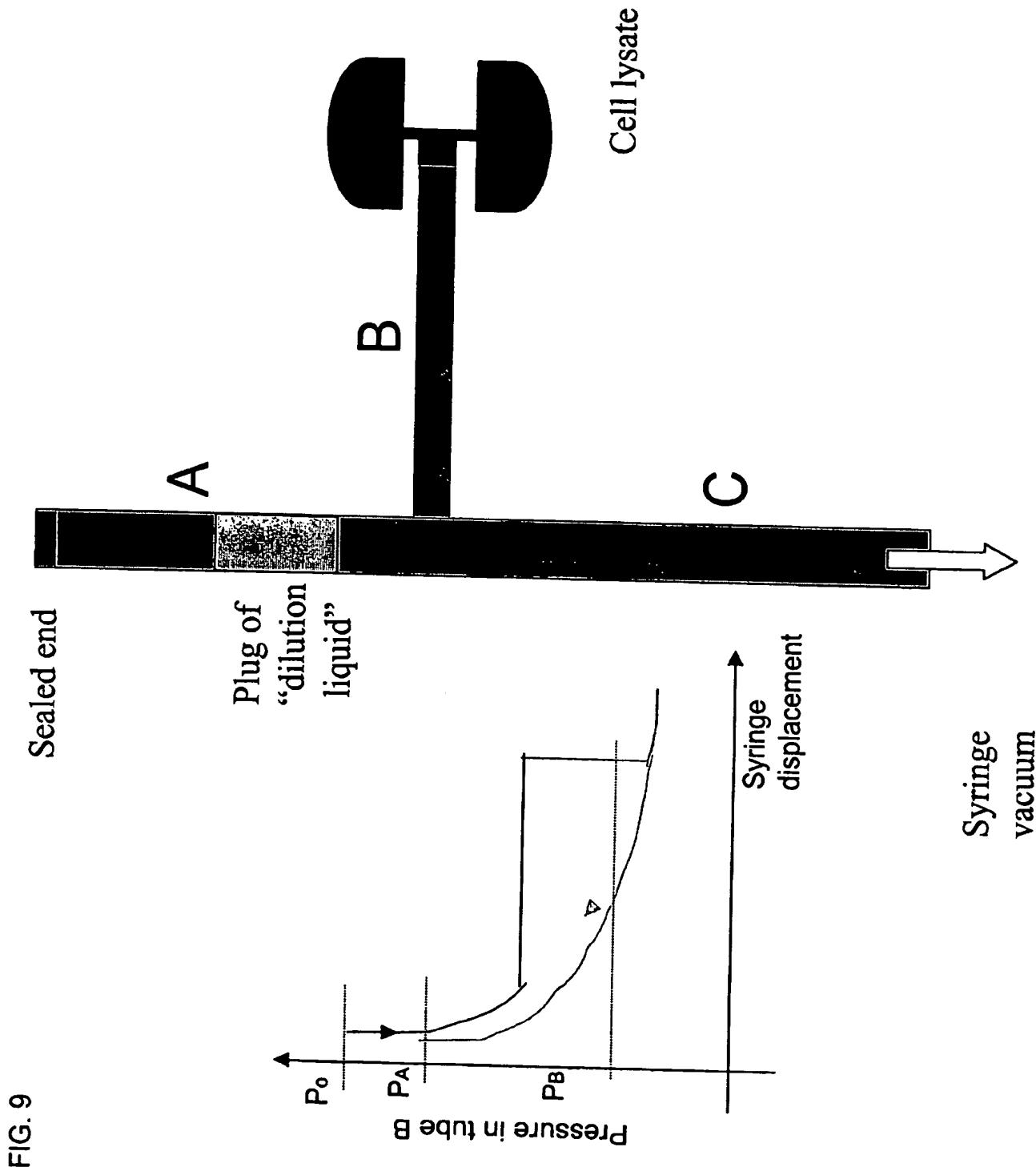


FIG. 8



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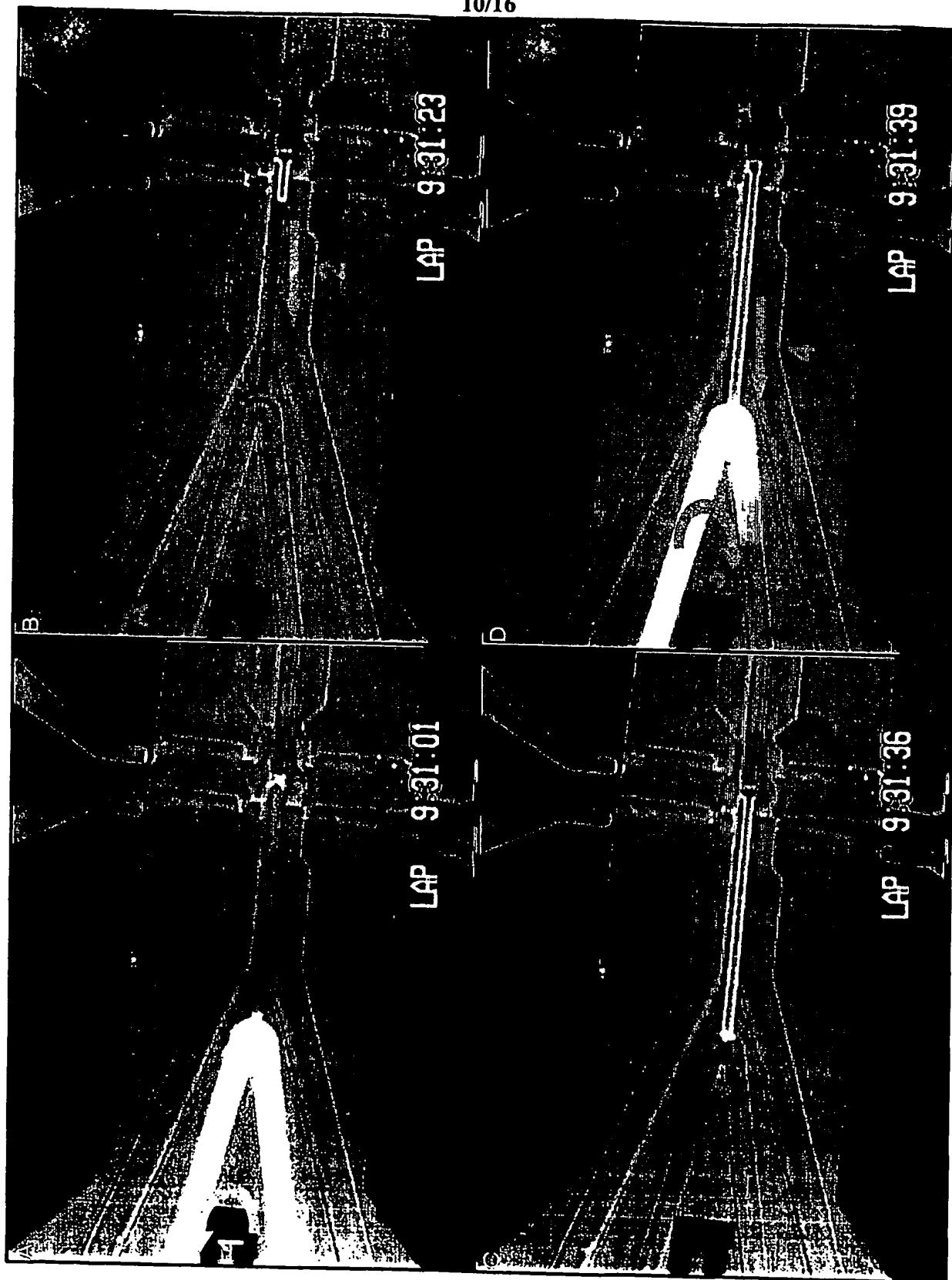


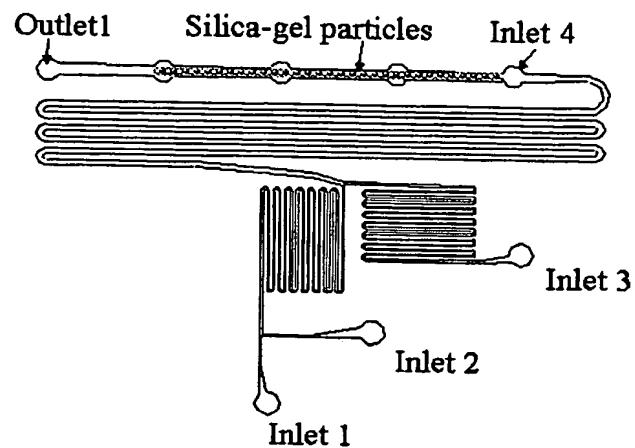
FIG. 11



Beads can be manipulated using
external magnetic fields

Beads covered with antibodies and cells

FIG. 12



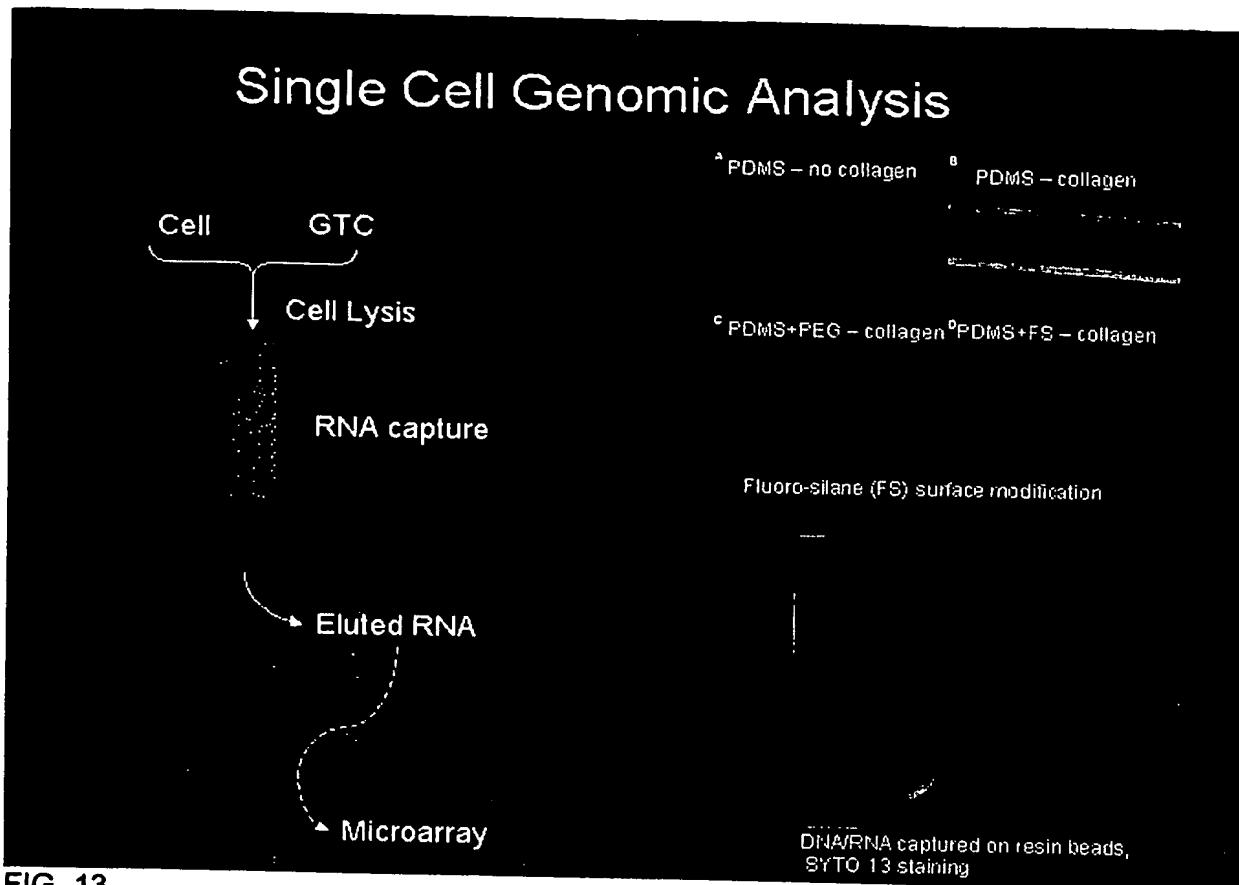


FIG. 13

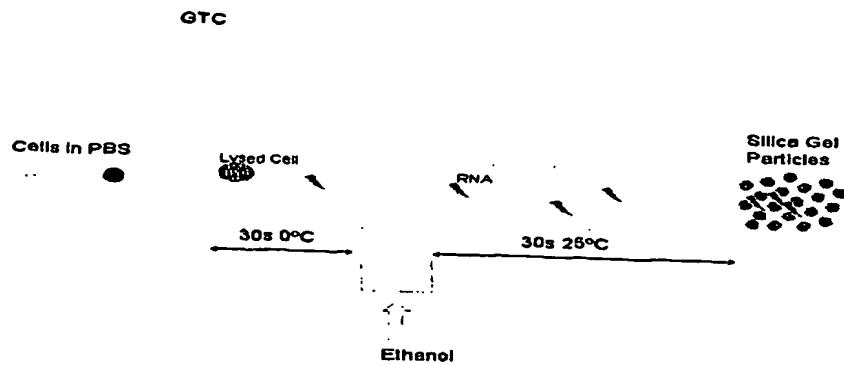


FIG. 14

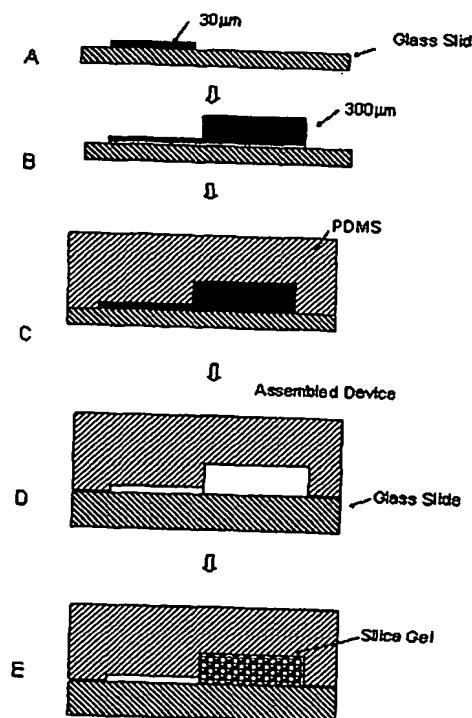


FIG. 15



FIG. 16

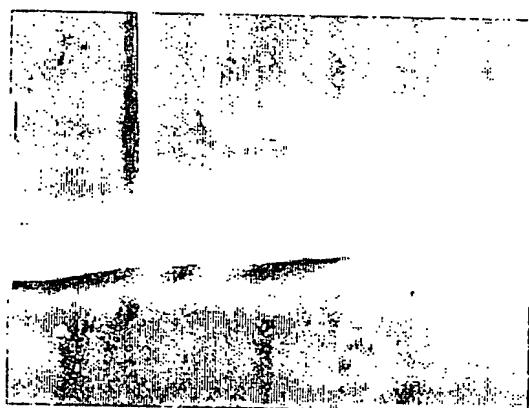
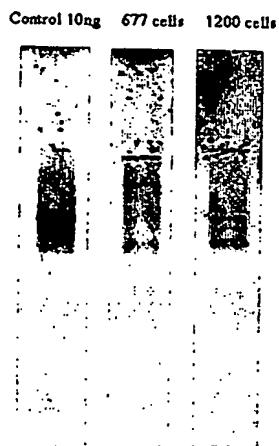


FIG. 17

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RNA gel electrophoresis. Tracks for 10ng control, RNA isolated from 677 and 1200 B lymphoblastoma cells using the microfabricated device.

FIG. 18.

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